

REPLACEMENT SHEET

ABSTRACT OF THE DISCLOSURE

The present invention is directed to a recombinant vector for transforming yeast and a process for transforming yeast thereby, more particularly to a recombinant vector comprising a gene encoding a mutated L41 protein having cycloheximide-resistant activity and a ribosomal DNA. The recombinant vector and the process for transforming thereby of the present invention is applicable to the efficient and stable integration of desired foreign DNA into yeast genome, thus providing useful tools for the production of a natural pigment, astaxanthin.